

5 We claim:

1. A method of wireless network communication comprising:

communicating over a plurality of carriers between at least one network access
point and a plurality of clients;

monitoring at least one dedicated carrier for new clients seeking to associate with

10 the network;

detecting a new client over the at least one dedicated carrier;

associating the new client to the network.

2. The method of claim 1 wherein the step of communicating over a plurality of

15 carriers comprises communicating over orthogonal frequency domain multiplexing frequencies.

3. The method of claim 1 wherein the step of communicating over a plurality of

carriers comprises employing at least one adaptive directional antenna on the at least one access
point.

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4. The method of claim 1 wherein the step of communicating over a plurality of

carriers comprises employing at least one antenna operated in an omnidirectional manner on the
at least one access point.

25 5. The method of claim 1 wherein the step of monitoring the at least one dedicated

carrier comprises employing at least one omnidirectional antenna on the at least one access point.

5 6. An implementation for network communication comprising:
at least one network access point for communicating with a plurality of clients
over a plurality of carriers;

means for monitoring at least one dedicated carrier for new clients seeking to
associate with the network;

10 means for detecting a new client over the at least one dedicated carrier;

means for associating the new client to the network.

7. The implementation of claim 6 wherein the plurality of carriers comprises
orthogonal frequency domain multiplexing frequencies.

15 8. The implementation of claim 1 wherein the at least one network access point
comprises at least one adaptive directional antenna employed for communicating over the
plurality of carriers.

20 9. The implementation of claim 1 wherein the at least one network access point
comprises at least one omnidirectional antenna employed for communicating over the plurality of
carriers.

10. The implementation of claim 1 therein the means for monitoring the at least one
25 dedicated carrier comprises at least one omnidirectional antenna employed on the at least one
access point.